



# AGRICULTURE SPRAYING **DRONE**

**MD-10H**

MD-10H series agricultural drone is a Hexacopter drone manufactured with high strength carbon fibers, impact-resistant molded materials and aerospace grade aluminum materials. Drone offers additional 10 to 15% of the flight performance and MD-10H is adaptable with 4 to 6 Nozzles with better spray quality and spray swath.



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## Features of MD-10H



Upto 6 acres/ hour



12 min Endurance  
with full payload



30 mins to charge the battery



Max takeoff weight = 27 kg



Working voltage = 50.4 V



Foldable design



Max flying speed = 10 m/s



Transmission range = 5000 m

## Spray Parameters



Spray swath = 2.5 to 5 m



Max Flowrate of 5 L/min



No. of nozzles = 4

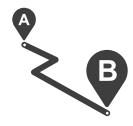


10 Liters tank

## Flight Modes



GPS mode



Inbuilt AB mode



Inbuilt route mode

## Flight Control Parameters



Better wind resistance



Hovering accuracy: horizontal =  $\pm 1.5$  m  
Vertical =  $\pm 0.5$  m



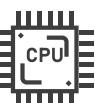
Multiple redundant backup



Bluetooth Enabled Secure  
Connection



Exclusive  
Ground Control Software



Dual CPU configuration



Max yaw speed = 150°/sec



Lightweight: 87 gm

## Safety Features



GPS Return-to-Home position



Low Battery Warning



Empty Tank Warning



Break Point Intelligent Record

## Additional Features



Better vibration resistant



Flight accuracy increased by 20%



Water saving upto 90%



Agri Inputs saving upto 40%

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